

World Anti-Doping Code

Doping and its complications

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What is doping?

Athletes use **prohibited substances or methods** to unfairly improve their sporting performance

Prohibited substances or methods are listed in
World Anti-Doping Code

Why is doping in sport prohibited ?

Drug misuse can be harmful to an athlete's health

To achieve integrity and fairness in sport

It severely damages the integrity, image and value of sport

History of anti-doping

In 1928 the IAAF (athletics) started to ban doping (use of stimulating substances)

Drug tests were first introduced at the Olympic Games in Mexico in 1968

World Anti-Doping Agency (WADA) was established in 1999

Japan Anti-Doping Agency (JADA): 2001

THE 2013 PROHIBITED LIST

WORLD ANTI-DOPING CODE

Therapeutic use and complications

Substances prohibited at all times 1

S0. NON-APPROVED SUBSTANCES

S1. ANABOLIC AGENTS

- Anabolic Androgenic Steroids

Muscle-building

Male menopause, hypoplastic anemia

Liver disorder, prostate cancer, cardiovascular disease

S2. PEPTIDE HORMONES, GROWTH FACTORS AND RELATED SUBSTANCES

- Erythropoiesis-Stimulating Agents e.g. erythropoietin (EPO)

Increased endurance

Renal anemia

Hypertension, cardiovascular disease

- Growth Hormone

Muscle-building

Short stature

Diabetes, acromegaly

Substances prohibited at all times 2

S3. BETA-2 AGONISTS

Muscle-building

Asthma: inhaled salbutamol, inhaled formoterol and salmeterol when taken by inhalation in accordance with the manufacturers' recommended therapeutic regimen are not prohibited

S4. HORMONE AND METABOLIC MODULATORS

- **Selective estrogen receptor modulators (SERMs)**

Muscle-building

Osteoporosis

Deep-vein thrombosis

- **Insulins**

Muscle-building

Diabetes

Low blood sugar

S5. DIURETICS AND OTHER MASKING AGENTS

Methods prohibited at all times

M1. MANIPULATION OF BLOOD AND BLOOD COMPONENTS

Increased endurance

Bleeding anemia

Deep-vein thrombosis

M2. CHEMICAL AND PHYSICAL MANIPULATION

Intravenous infusions and/or injections of more than 50 mL per 6 hour period except for those legitimately received in the course of hospital admissions or clinical investigations are prohibited

M3. GENE DOPING

Substances prohibited in-competition 1

S6. STIMULANTS

- Cardio-respiratory stimulants

Heart failure

Nausea, vomiting, palpitations, tremors

- The vasodilators

Hypertension

Hypotension

- Stimulants of the central nervous system or psychotropic

Awakening from sleeping disorder

Nervousness, insomnia, tremors, addiction

- The minor stimulants

Substances prohibited in-competition 2

S7. NARCOTICS

Pain killer

Respiratory depression

S8. CANNABINOIDS

Pain killer

Respiratory depression

S9. GLUCOCORTICOSTEROIDS

Anti-inflammation

All glucocorticosteroids are prohibited when administered by oral, intravenous, intramuscular or rectal routes

Local injection for therapeutic use is not prohibited

Positive report for prohibited substances

The Adverse Analytical Findings (AAF)

Report from a laboratory or other WADA-approved entity which identifies in a *Sample* the presence of a *Prohibited Substance* or its *Metabolites* or *Markers* or evidence of the *Use* of a *Prohibited Method*

The Atypical Findings (ATF)

Report from a laboratory or other WADA-approved entity which requires further investigation as provided by the *International Standard* for Laboratories or related Technical Documents prior to the determination of an *Adverse Analytical Finding (AAF)*

WADA, 2012 Report

2012 Anti-Doping Samples Analyzed and Reported by Accredited Laboratories

Table A1: Total Samples Analyzed (All Sports)*

A Samples Analyzed

| Sport | Analyzed | AAFs ¹ | (%) | ATFs ² | (%) | Total Findings ³ | (%) |
|--------------------|----------------|-------------------|--------------|-------------------|--------------|-----------------------------|--------------|
| Olympic Sports | 184,955 | 1,831 | 0.99% | 1,063 | 0.58% | 2,894 | 1.56% |
| Non-Olympic Sports | 21,436 | 718 | 3.35% | 147 | 0.69% | 865 | 4.03% |
| Non-ADAMS Data | 61,254 | 641 | 1.05% | 323 | 0.53% | 964 | 1.57% |
| TOTAL | 267,645 | 3,190 | 1.19% | 1,533 | 0.57% | 4,723 | 1.76% |

Table B2: Summary - Samples Analyzed per Laboratory (reported in ADAMS)

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| Laboratory | Samples | Urine | | Blood | | ABP | Total | % |
|-------------------------------|---------|-------|-----|---------|-----|---------|---------|-------|
| | | AAF | ATF | Samples | AAF | Samples | Samples | AAF |
| 1 Sydney, Australia | 6,079 | 52 | 7 | 411 | - | 374 | 6,864 | 0.76% |
| 2 Seibersdorf, Austria | 6,852 | 59 | 45 | 248 | - | 322 | 7,422 | 0.79% |
| 3 Ghent, Belgium | 5,629 | 129 | 92 | - | - | 664 | 6,293 | 2.05% |
| 4 Rio de Janeiro, Brazil** | 4,969 | 29 | 4 | - | - | n/a | 4,969 | 0.58% |
| 5 Montreal, Canada | 7,224 | 146 | 8 | 506 | - | 280 | 8,010 | 1.82% |
| 6 Beijing, China | 11,358 | 43 | 10 | 903 | - | 269 | 12,530 | 0.34% |
| 7 Bogota, Colombia** | 2,901 | 56 | - | 34 | - | n/a | 2,935 | 1.91% |
| 8 Havana, Cuba** | 2,971 | 14 | 23 | - | - | n/a | 2,971 | 0.47% |
| 10 Helsinki, Finland | 3,678 | 18 | 65 | 125 | - | 246 | 4,049 | 0.44% |
| 11 Paris, France | 8,460 | 222 | 80 | 387 | 1 | 2,446 | 11,293 | 1.97% |
| 12 Cologne, Germany | 16,893 | 211 | 50 | 1,064 | - | 2,253 | 20,210 | 1.04% |
| 13 Dresden, Germany | 9,023 | 54 | 7 | 190 | - | 1,884 | 11,097 | 0.49% |
| 14 London, UK | 3,784 | 32 | 2 | 375 | - | 137 | 4,296 | 0.74% |
| Harlow, UK*** | 8,140 | 48 | 4 | 1,194 | 4 | 432 | 9,766 | 0.53% |
| 15 Athens, Greece** | 4,014 | 75 | 37 | 26 | - | n/a | 4,040 | 1.86% |
| 16 Rome, Italy | 8,828 | 111 | 94 | 721 | - | 107 | 9,656 | 1.15% |
| 17 Tokyo, Japan | 6,131 | 10 | 3 | 29 | - | 30 | 6,190 | 0.16% |
| 18 Seoul, Korea | 4,636 | 23 | - | 70 | - | 119 | 4,825 | 0.48% |
| 19 Oslo, Norway | 3,751 | 32 | 69 | 54 | 4 | 505 | 4,310 | 0.84% |
| 20 Warsaw, Poland | 3,494 | 72 | 15 | 425 | - | 235 | 4,154 | 1.73% |
| 21 Lisbon, Portugal | 3,287 | 64 | 73 | 328 | 1 | 387 | 4,002 | 1.62% |
| 22 Bloemfontein, South Africa | 4,082 | 101 | 16 | 97 | - | 66 | 4,245 | 2.38% |
| 23 Moscow, Russia | 17,147 | 173 | 227 | 778 | - | 3,286 | 21,211 | 0.82% |
| 24 Barcelona, Spain | 3,609 | 62 | 10 | 100 | - | 365 | 4,074 | 1.52% |
| 25 Madrid, Spain | 6,456 | 115 | 23 | 195 | - | 445 | 7,096 | 1.62% |
| 26 Stockholm, Sweden** | 3,995 | 86 | 61 | 15 | - | n/a | 4,010 | 2.14% |
| 27 Lausanne, Switzerland | 3,747 | 53 | 42 | 2,744 | 1 | 2,504 | 8,995 | 0.60% |
| 28 Bangkok, Thailand** | 4,356 | 99 | 2 | - | - | n/a | 4,356 | 2.27% |
| 29 Tunis, Tunisia* | - | - | - | - | - | - | - | - |
| 30 Los Angeles, USA** | 4,512 | 57 | 23 | 2 | - | n/a | 4,514 | 1.26% |
| 31 Salt Lake City, USA | 2,038 | 37 | 91 | 316 | 2 | 763 | 3,117 | 1.25% |
| 32 New Delhi, India | 6,164 | 221 | 17 | 355 | - | 89 | 6,608 | 3.34% |
| 33 Bucharest, Romania** | 3,215 | 28 | 6 | 306 | - | n/a | 3,521 | 0.80% |
| 34 Almaty, Kazakhstan | 2,970 | 4 | 4 | - | - | 15 | 2,985 | 0.13% |

WADA, 2012 Report

Table G35: 2012 Anti-Doping Testing Figures - Olympic Sport - Wrestling

| Testing Authority (TA) | Urine | | Blood | | Total Samples | % |
|---|-------------|-----------|------------|-------------|---------------|-------|
| | IC | OOB | IC | OOB | | |
| Russian National Anti-Doping Organization | 158 | 476 | - | - | 634 | 14.2% |
| International Federation of Associated Wrestling Styles | 509 | 43 | - | - | 552 | 12.4% |
| Chinese Anti-Doping Agency | 126 | 337 | - | 26 | 489 | 11.0% |
| National Anti Doping Agency -India | 133 | 63 | 7 | 39 | 242 | 5.4% |
| Kazakhstan National Anti-Doping Centre | - | 267 | - | - | 267 | 6.0% |
| Japan Anti-Doping Agency | 121 | 48 | - | 3 | 172 | 3.9% |
| International Olympic Committee | 132 | - | 23 | - | 155 | 3.5% |
| Poland Commission against Doping in Sports | 44 | 99 | - | 11 | 154 | 3.5% |
| United States Anti-Doping Agency | 73 | 55 | - | - | 128 | 2.9% |
| German National Anti-Doping Agency | 4 | 98 | - | - | 102 | 2.3% |
| Canadian Centre for Ethics in Sport | 29 | 70 | - | - | 99 | 2.2% |
| Cuba National Anti-Doping Agency | 2 | 89 | - | - | 91 | 2.0% |
| Swedish Sports Confederation Anti-Doping Group | 41 | 50 | - | - | 91 | 2.0% |
| Sports Authority of Thailand | 44 | 45 | - | - | 89 | 2.0% |
| Korean Anti-Doping Agency | 21 | 48 | 7 | 5 | 81 | 1.8% |
| Roumanian National Anti-Doping Agency | 40 | 29 | - | 2 | 71 | 1.6% |
| Spanish Federation of Olimpic Wrestling and associated sports | 66 | 1 | - | - | 67 | 1.5% |
| Finnish Anti-Doping Agency | 20 | 38 | - | 6 | 64 | 1.4% |
| World Anti-Doping Agency | - | 39 | - | 17 | 56 | 1.3% |
| Deutscher Ringer-Bund | 48 | - | - | - | 48 | 1.1% |
| South African Institute for Drug-Free Sport | 34 | 12 | - | - | 46 | 1.0% |
| Magyar Antidopping Csoport | 10 | 31 | - | 5 | 46 | 1.0% |
| Anti-Doping Norway | 6 | 33 | - | 5 | 44 | 1.0% |
| Anti-Doping Centre Bulgaria | 18 | 17 | - | 9 | 44 | 1.0% |
| Total 2012 | 2261 | 42 | 136 | 4451 | | |

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Table E1: Total Samples Analyzed in Olympic Sports*¹

| Sport | Urine | | | | | | Blood | | | | Total |
|-------------------|----------------|--------------|------------|---------------|------------|------------|--------------|----------|--------------|----------|----------------|
| | IC | | | OOC | | | IC | | OOC | | |
| | Samples | AAF | ATF | Samples | AAF | ATF | Samples | AAF | Samples | AAF | |
| Aquatics | 5943 | 63 | 17 | 6444 | 11 | 26 | 204 | - | 478 | - | 13,069 |
| Archery | 770 | 7 | 1 | 345 | 2 | - | - | - | - | - | 1,115 |
| Athletics | 12937 | 271 | 74 | 10952 | 38 | 67 | 535 | - | 3412 | 1 | 27,836 |
| Badminton | 829 | 2 | 3 | 607 | - | 6 | - | - | - | - | 1,436 |
| Basketball | 3846 | 56 | 11 | 1906 | 9 | 8 | 9 | - | 65 | - | 5,826 |
| Biathlon | 1325 | 4 | 8 | 861 | 1 | 11 | 52 | - | 271 | - | 2,509 |
| Bobsleigh | 157 | 5 | 3 | 628 | 3 | 14 | - | - | 75 | - | 860 |
| Boxing | 2310 | 86 | 13 | 1695 | 13 | 7 | 118 | - | 144 | - | 4,267 |
| Canoe / Kayak | 1701 | 11 | 8 | 2172 | 9 | 9 | 108 | - | 229 | - | 4,210 |
| Curling | 139 | 1 | 1 | 191 | 4 | - | - | - | - | - | 330 |
| Cycling | 12521 | 244 | 152 | 6797 | 24 | 80 | 643 | 1 | 663 | 1 | 20,624 |
| Equestrian | 625 | 16 | 1 | 267 | 2 | - | - | - | - | - | 892 |
| Fencing | 1110 | 5 | 4 | 853 | 2 | 3 | - | - | 2 | - | 1,965 |
| Football | 22136 | 150 | 100 | 5041 | 9 | 56 | 485 | - | 346 | - | 28,008 |
| Gymnastics | 1089 | 8 | 5 | 1294 | - | 7 | 4 | - | 32 | - | 2,419 |
| Golf | 460 | 6 | 1 | 85 | - | 1 | - | - | - | - | 545 |
| Handball | 2194 | 32 | 4 | 1720 | 7 | 12 | - | - | 50 | - | 3,964 |
| Field Hockey | 1014 | 16 | 5 | 1092 | - | - | 16 | - | 43 | - | 2,165 |
| Ice Hockey | 1713 | 32 | 27 | 1435 | 2 | 23 | - | - | 136 | - | 3,284 |
| Judo | 2157 | 27 | 10 | 2010 | 7 | 7 | 24 | - | 60 | - | 4,251 |
| Luge | 97 | - | - | 233 | - | - | - | - | - | - | 330 |
| Modern Pentathlon | 233 | 4 | - | 317 | - | - | 30 | - | 10 | - | 590 |
| Rowing | 1444 | 16 | 7 | 2897 | 8 | 13 | 219 | - | 303 | - | 4,863 |
| Rugby | 3497 | 120 | 20 | 3728 | 15 | 31 | 207 | - | 498 | - | 7,930 |
| Sailing | 475 | 8 | 1 | 550 | 4 | 2 | - | - | 7 | - | 1,032 |
| Shooting | 1972 | 17 | 4 | 641 | 1 | 3 | - | - | - | - | 2,613 |
| Skating | 1990 | 13 | 7 | 1696 | 2 | 16 | 31 | - | 165 | - | 3,882 |
| Skiing | 2082 | 23 | 18 | 2530 | 1 | 35 | 43 | - | 459 | - | 5,114 |
| Table Tennis | 723 | 6 | 1 | 686 | - | 1 | - | - | - | - | 1,409 |
| Taekwondo | 949 | 17 | - | 841 | 5 | 3 | 7 | - | 15 | - | 1,812 |
| Tennis | 2600 | 18 | 6 | 717 | 1 | 7 | 116 | - | 50 | - | 3,483 |
| Triathlon | 2054 | 20 | 19 | 1541 | 2 | 14 | 101 | - | 344 | - | 4,040 |
| Volleyball | 3105 | 33 | 15 | 2017 | 2 | 9 | 1 | - | 49 | - | 5,172 |
| Weightlifting | 3893 | 159 | 11 | 4299 | 91 | 10 | 125 | - | 342 | 2 | 8,659 |
| Wrestling | 2012 | 50 | 7 | 2261 | 5 | 18 | 42 | - | 136 | - | 4,451 |
| Totals | 102,102 | 1,546 | 564 | 71,349 | 280 | 499 | 3,120 | 1 | 8,384 | 4 | 184,955 |

Total Findings in 2012

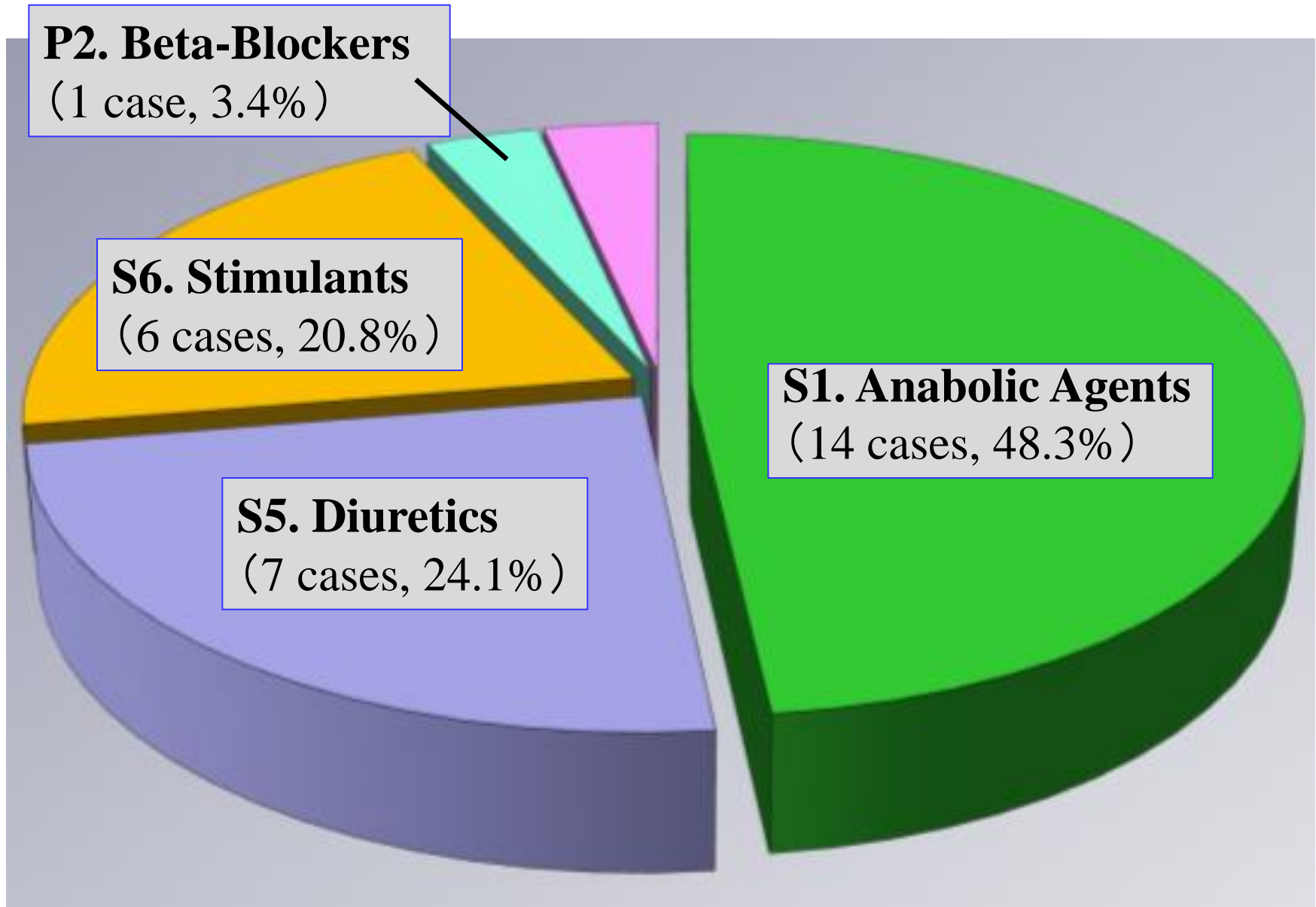
80 (1.80%)

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Table D1: Summary - Substances Identified in Each Drug Class in ADAMS (All Sports)

| Substance Group | Occurrences | % of all ADAMS reported findings |
|---|---------------|----------------------------------|
| S1. Anabolic Agents | 2279 | 50.6% |
| S.6 Stimulants | 697 | 15.5% |
| S.8 Cannabinoids | 406 | 9.0% |
| S.9 Glucocorticosteroids | 365 | 8.1% |
| S.5 Diuretics and Other Masking Agents | 322 | 7.2% |
| S.2 Peptide Hormones, Growth Factors and Related Substances | 181 | 4.0% |
| S.3 Beta-2 Agonists | 131 | 2.9% |
| S.4 Hormone and Metabolic Modulators | 74 | 1.6% |
| S.7 Narcotics | 26 | 0.6% |
| P2. Beta-Blockers | 13 | 0.3% |
| P1. Alcohol | 5 | 0.1% |
| M1. Enhancement of Oxygen Transfer | 0 | 0.0% |
| M2. Chemical and Physical Manipulation | 1 | 0.02% |
| | TOTAL* | 4500 |

Substances identified in wrestling: June 1, 2011 FILA





List of Ineligible wrestlers / Liste des lutteurs suspendus

FILA: November 22, 2013

SANCTIONS FOR DOPING

| COUNTRY | NAME | SUBSTANCE | DURATION | COMPETITION | END OF SANCTION |
|---------|----------------------------------|-------------------------|--------------|--|-------------------|
| TUR | HARUN Dogan | Metenolone - Ephedrin | lifetime ban | 2005 Turkish National Championship | lifetime ban |
| IRI | Alireza Gharibi | D-methamphetamine | lifetime ban | National Championships - Tehran - 17th October 2008 | lifetime ban |
| ARG | Fernando Iglesias | Clenbuterol, Furosemide | lifetime ban | In-competition - 2011 Panamerican Games - Guadalajara (MEX) | lifetime ban |
| IRQ | Mohamed Al Saedi | Sibutramine | 2 years | 2011 Arab Games - Doha (QAT) | 9 February 2014 |
| EGY | Walid Nabil Hasabelnabi Abdelaal | Stanozolol | 2 years | out-of-competition | 31 January 2014 |
| JPN | Takahiro Shimonaka | Tamoxifen | 2 years | In competition | 11 January 2014 |
| EGY | Mostafa Mohamed | Methylhexaneamine | 2 years | In competition - 2011 Arab Games - Doha | 28 February 2014 |
| EGY | Ibrahim Nasser Abdelbaki | Methylhexaneamine | 2 years | In competition - 2011 Arab Games - Doha | 7 March 2014 |
| DOM | Anyelo Mota Brea | Furosemide | 2 years | In competition - 2012 Pan-american Championship | 8 March 2014 |
| BRA | Daniel Alvares Malvino | Anabolic Steroids | 2 years | In competition - 2012 Pan-american Championship | 15 September 2015 |
| SWE | Mathias Günther | Furosemide | 2 years | In competition - 2012 European Championship | 27 March 2014 |
| MAR | Said Moulla | Stanozolol - Boldenone | 2 years | In-competition - OG Qualifying tournament Africa/Oceania - Marrakech (MAR) | 23 April 2014 |
| EGY | Ahmed Abdou Mansour | Methylhexaneamine | 2 years | In-competition - OG Qualifying tournament Africa/Oceania - Marrakech (MAR) | 23 April 2014 |
| GEO | Besarion Goshashvili | Furosemide | 2 years | In-competition - International tournament - India | 27 June 2014 |